

I.3  
3/12/07

**United States Environmental Protection Agency  
Region V  
POLLUTION REPORT**

EPA Region 5 Records Ctr.



270254

**Date:** Monday, March 12, 2007

**From:** Craig Thomas, OSC

**To:** Linda Nachowicz, U.S. EPA  
David Chung, U.S. EPA

Michael Harris, U.S. EPA

**Subject:** Final Polrep  
Reliable Plating Corporation  
1514 West Lake St, Chicago, IL

**POLREP No.:** 2

**Site #:**

**Reporting Period:** 11/01/2006- 3/12/2007 **D.O. #:**

**Start Date:** 10/23/2006

**Response Authority:** CERCLA

**Mob Date:** 10/23/2006

**Response Type:** Emergency

**Completion Date:** 1/19/2007

**NPL Status:** Non NPL

**CERCLIS ID #:**

**Incident Category:** Removal Action

**RCRIS ID #:**

**Contract #**

#### **Site Description**

On October 23, 2006 at approximately 4:00 a.m. Central Time, a fire erupted at the Reliable Plating Corp facility located at 1514 West Lake Street in Chicago, IL. The fire department and Chicago Department of Environment (CDOE) responded. At approximately 7:45 am, U.S. EPA Region 5 received a call from Terry Sheahan with CDOE requesting assistance to address run-off from the fire. Initial testing of the run off showed pH readings of up to 13.

OSC Thomas responded to the incident and arrived on scene at approximately 8:20 am. OSC Thomas met with Terry Sheahan, Ed Osowski with Illinois EPA, and James Chodora of the Metropolitan Water Reclamation District of Greater Chicago. Mr. Chodora arranged for run off which was draining into the sanitary sewer to be diverted to Chicago's Deep Tunnel until such time as it could be analyzed. The contaminants of concern were identified as acids, bases, cyanides, copper, nickel and chromium.

SET and demolition contractor (Robinette) worked with ATF and the Chicago Fire Department's Office of Fire Investigation to remove rubble and examine the plating lines to determine where the fire originated.

#### **Current Activities**

The Chicago Fire Department completed their investigation of the cause of the fire.

Chemical wastes were disposed of at the facilities listed in the disposition of waste summary, below. Building materials in contact with chemical wastes were considered contaminated

debris and disposed of accordingly. Building debris not in contact with chemical wastes were disposed of as brick and demolition debris.

The last off-site shipment of wastes was sent January 12, 2007. Site activities then focused on minor restoration, and the contractor demobilized from the site on January 19, 2007.

#### Planned Removal Actions

None

#### Next Steps

None

#### Key Issues

None

#### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
Extramural Costs				
Intramural Costs				
Total Site Costs	\$0.00	\$0.00	\$0.00	0.00%

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

#### Disposition of Wastes

Waste Stream	Quantity	Manifest #	Disposal Facility
Outside Fire water. (F006, D006, D007, D008)	27916 gal	000286741, 001401523, 000286684, 000028673, 000286877, 000286898, 000028797, 000028798	Envirite, Harvey IL
Inside Fire Water (D006, D007)	62700 gallons	001401796, 000286732, 001401733, 001401732,	Envirite, Harvey IL

		000029783, 001401533, 001401536, 001401537, 001401538, 000028710, 000028579, 000028768, 000029763	
Inside Fire Water (D006, D007) continued	(part of the 62700 gallons continued from #2 above)	000286569, 000286570, 000286571	Envirite Harvey, IL
Contaminated Misc. Debris (D006, D007, D008)	601 cubic yards	000286946, 000286947, 000286948, 000286949, 000286950, 000286951, 000286952, 000286953, 000286954, 000286955, 000286956, 000286957, 000286958	Envirite, Harvey IL
Contaminated Misc. Debris (D006, D007, D008)	(part of 601 cu yards continued from #4, above)	000286959, 000286960, 000286961, 000286962, 000286963, 000286964, 000297303	Envirite Harvey, IL
Waste Cyanide Solution (F007)	15062 gal	00286682, 00286714, 00286715, 000297473	Envirite, Harvey IL
Waste Alkali Solution (D002, D006, D007, D008)	23092 gal	000286722, 000286712, 001401569, 001401572, 001401573	Envirite, Harvey IL
Waste Mixed Acids (D002, D006, D007, D008)	6200 gal	000286682, 000029764, 00029767	Envirite, Harvey IL
Waste Mixed Acids (D002, D006, D007, D008)	580 lbs	000286564, 000295587	SET Environmental, Houston, TX
Waste Chromium Solids (D007, D006)	2400 lbs	001940759	SET Environmental, Houston, TX
Waste Chromium Solutions (D007, D006)	400 gal	001940606	Imetco, Elwood City, PA
Waste Silver Cyanide Solutions	330 gal	000034363	United Refining, Franklin Park, IL

(F007, D010)			
Waste Cadmium Solids (D006, F006)	900 lbs	000384850	Clean Harbors Env., Kimball, NE
Waste Cadmium Solution (D006, F006)	9600 lbs	000384850	Clean Harbors Env., Kimball, NE
Waste Nickel Solids (D003)	800 lbs	000297069	SET Environmental, Houston, TX
Waste Mineral Spirits (D001)	15 gal	000285564, 000295586	SET Environmental, Houston, TX
Waste Chromium Trioxide Solution (D007)	350 lbs	Bill of Lading	SET Environmental, Houston, TX
Brick & Demolition Debris	400 cubic yards	Bill Of Lading	Waste Managment, Chicago, IL
Nickel Chloride Solution	3880 gal	Bill of Lading	Agmet Metals, Oakwood, OH
Lead/Acid Battery	1000 lb	Bill of Lading	Service Battery, Chicago, IL
Waste Oil	110 gal	000297338	Industrial Water Services, Chicago, IL
Waste Latex Paint	200 lbs.	000286565	SET Environmental, Houston, TX
Fire Extinguishers	20 lbs.	000286566	SET Environmental, Houston, TX